

FIG. 1

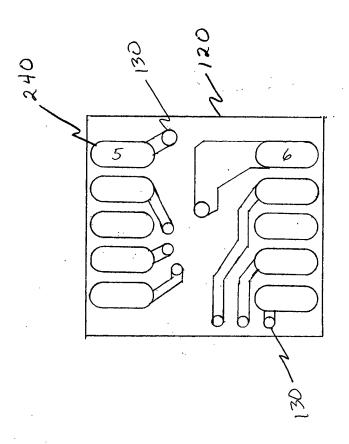


FIG. 2

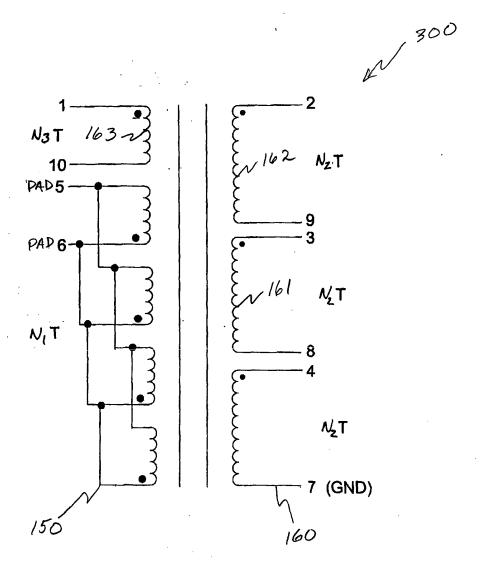


FIG. 3

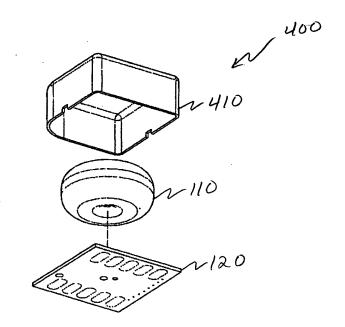


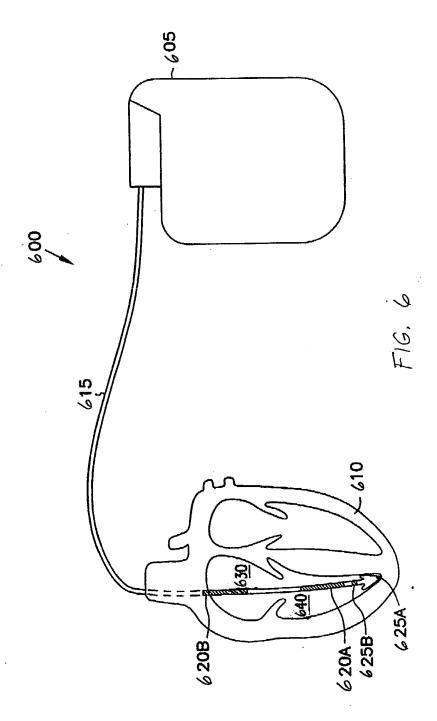
FIG. 4

WINDING INSULATED WIRE AROUND A MAGNETIC CORE TO FORM AT LEAST ONE SECONDARY TRANSFORMER COIL WINDING INSULATED WIRE AROUND THE MAGNETIC CORE TO FORM AT LEAST N 520 ONE PRIMARY TRANSFORMER COIL ATTACHING WIRE ENDS OF THE PRIMARY COIL TO AT LEAST FIRST AND SECOND VIAS OF A PCB, THE VIAS BEING IN COMMUNICATION WITH BONDING PADS ON THE PCB ATTACHING WIRE ENDS OF THE SECONDARY COIL TO AT LEAST THIRD AND FOURTH V 540 VIAS OF THE PCB AFFIXING THE COILS AND THE MAGNETIC CORE TO THE FIRST SIDE OF THE PCB AND ATTACHING THE COIL WIRE ENDS FLUSH

TO A SURFACE OF THE VIAS ON THE

SECOND SIDE OF THE PCB

FIG. 5



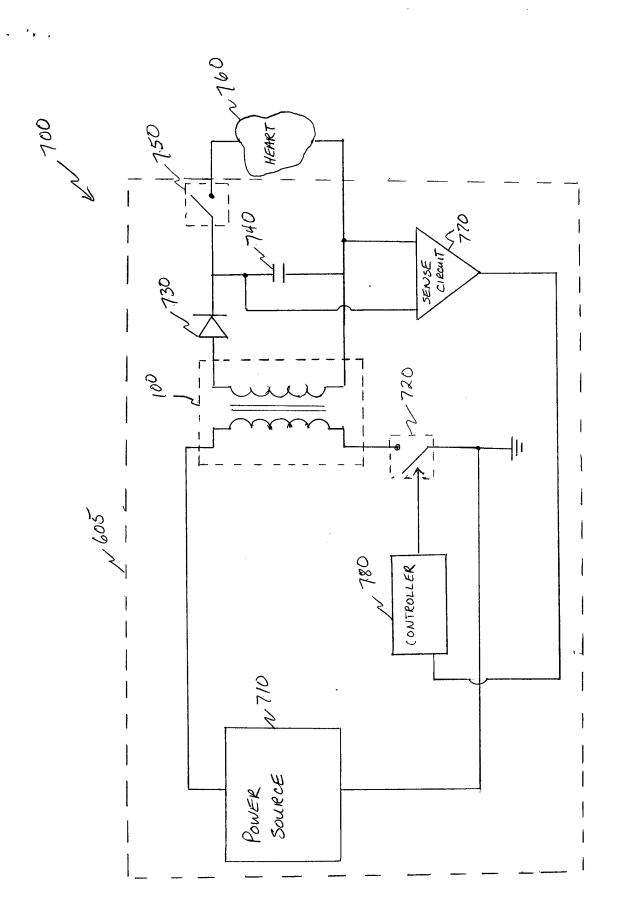


FIG. 7